

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030824\
 Data File : VV034521.D
 Acq On : 08 Mar 2024 10:50
 Operator : SY/MD
 Sample : P1637-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNO1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M

Title : VOC Analysis

Signal : TIC: VV034521.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.185	40	45	51	rBV	32249	31555	1.07%	0.080%
2	1.217	52	55	61	rVB	6707	6254	0.21%	0.016%
3	1.278	67	74	88	rVB	169475	179647	6.08%	0.453%
4	1.481	129	137	145	rBV	114136	138560	4.69%	0.349%
5	1.529	145	152	168	rVB	147859	180169	6.10%	0.454%
6	1.712	199	209	227	rBV	557333	748680	25.36%	1.887%
7	2.063	306	318	326	rBV3	561960	944422	31.99%	2.381%
8	2.108	326	332	359	rVB	302511	477960	16.19%	1.205%
9	2.236	369	372	383	rVB4	1482	1809	0.06%	0.005%
10	2.352	400	408	421	rVV6	3055	5905	0.20%	0.015%
11	2.445	425	437	460	rVB	213609	352280	11.93%	0.888%
12	2.609	483	488	491	rBV3	607	651	0.02%	0.002%
13	2.703	500	517	544	rVV	317750	659474	22.34%	1.663%
14	3.111	628	644	676	rBV	390816	823212	27.88%	2.075%
15	3.381	721	728	736	rVB3	289	440	0.01%	0.001%
16	3.780	844	852	893	rBV	117066	311891	10.56%	0.786%
17	3.998	917	920	926	rBV3	545	551	0.02%	0.001%
18	4.268	981	1004	1038	rBV4	441177	1469587	49.77%	3.705%
19	4.465	1059	1065	1067	rBV3	435	463	0.02%	0.001%
20	4.500	1072	1076	1079	rBV5	1588	1570	0.05%	0.004%
21	4.580	1097	1101	1103	rBV2	708	455	0.02%	0.001%
22	4.600	1105	1107	1114	rVB2	491	389	0.01%	0.001%
23	4.635	1114	1118	1120	rBV4	442	368	0.01%	0.001%
24	4.674	1126	1130	1132	rBV3	561	407	0.01%	0.001%
25	4.735	1132	1149	1177	rVV	154990	380541	12.89%	0.959%
26	4.895	1195	1199	1201	rBV3	424	336	0.01%	0.001%
27	4.953	1201	1217	1228	rBV2	485198	1265387	42.86%	3.190%
28	5.532	1385	1397	1427	rBV	367529	760346	25.75%	1.917%
29	5.834	1479	1491	1522	rVV4	90898	208246	7.05%	0.525%
30	5.985	1526	1538	1564	rBV	276452	574996	19.47%	1.450%
31	6.230	1602	1614	1644	rBV	114563	238451	8.08%	0.601%
32	6.436	1665	1678	1702	rBV	55195	110479	3.74%	0.279%
33	6.574	1709	1721	1753	rBV3	19202	56152	1.90%	0.142%
34	6.744	1768	1774	1777	rBV3	435	482	0.02%	0.001%
35	6.763	1777	1780	1787	rVB5	544	586	0.02%	0.001%
36	6.911	1813	1826	1832	rBV	170673	277697	9.41%	0.700%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Title : VOC Analysis

37	6.953	1833	1839	1871	rVB	243906	448019	15.17%	1.129%
38	7.082	1871	1879	1892	rBV2	56694	116139	3.93%	0.293%
39	7.153	1892	1901	1918	rVV	544347	950148	32.18%	2.395%
40	7.239	1918	1928	1951	rVB	551688	994389	33.68%	2.507%
41	7.577	2015	2033	2067	rBV2	702384	1378124	46.68%	3.474%
42	7.767	2082	2092	2113	rBV	222299	384489	13.02%	0.969%
43	7.863	2119	2122	2123	rBV3	791	408	0.01%	0.001%
44	7.902	2123	2134	2156	rVV	570695	961894	32.58%	2.425%
45	8.021	2162	2171	2180	rBV	427751	698497	23.66%	1.761%
46	8.072	2180	2187	2207	rVV	440059	752147	25.47%	1.896%
47	8.175	2208	2219	2240	rVB	510985	877949	29.74%	2.213%
48	8.281	2241	2252	2269	rVV	226600	389438	13.19%	0.982%
49	8.477	2310	2313	2316	rBV2	614	342	0.01%	0.001%
50	8.493	2316	2318	2323	rVB3	736	497	0.02%	0.001%
51	8.522	2323	2327	2329	rBV2	562	437	0.01%	0.001%
52	8.590	2341	2348	2363	rVB5	2576	5055	0.17%	0.013%
53	8.731	2386	2392	2397	rVB5	647	736	0.02%	0.002%
54	8.783	2397	2408	2434	rBV2	584421	1266811	42.91%	3.194%
55	8.905	2435	2446	2452	rVV	813593	1306884	44.26%	3.295%
56	8.943	2452	2458	2485	rVB	1224162	1903493	64.47%	4.799%
57	9.072	2486	2498	2522	rVV	1209971	1964583	66.54%	4.953%
58	9.275	2558	2561	2566	rVB3	489	422	0.01%	0.001%
59	9.484	2612	2626	2660	rBV3	1309059	2952543	100.00%	7.443%
60	9.680	2685	2687	2692	rVB4	629	536	0.02%	0.001%
61	9.705	2692	2695	2699	rVB4	816	513	0.02%	0.001%
62	9.725	2699	2701	2705	rBV3	549	341	0.01%	0.001%
63	9.754	2705	2710	2714	rVB3	450	489	0.02%	0.001%
64	9.779	2716	2718	2724	rVB3	640	512	0.02%	0.001%
65	9.873	2739	2747	2758	rBV7	3135	5113	0.17%	0.013%
66	9.979	2775	2780	2783	rBV2	409	350	0.01%	0.001%
67	10.152	2818	2834	2843	rBV	382558	598222	20.26%	1.508%
68	10.207	2843	2851	2872	rVB	343639	539536	18.27%	1.360%
69	10.387	2904	2907	2915	rVB4	719	855	0.03%	0.002%
70	10.474	2923	2934	2954	rBV	234236	359051	12.16%	0.905%
71	10.680	2989	2998	3007	rBV6	2541	4167	0.14%	0.011%
72	10.760	3020	3023	3030	rVB2	467	532	0.02%	0.001%
73	10.802	3030	3036	3037	rBV3	688	525	0.02%	0.001%
74	10.850	3040	3051	3071	rBV	712726	1063323	36.01%	2.681%
75	10.988	3086	3094	3096	rBV5	581	786	0.03%	0.002%
76	11.130	3134	3138	3143	rVB5	778	743	0.03%	0.002%

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77	11.204	3144	3161	3185	rBV2	1286935	2835176	96.02%	7.147%
78	11.387	3215	3218	3221	rVB2	475	327	0.01%	0.001%
79	11.574	3256	3276	3298	rBV2	1109220	2396077	81.15%	6.040%
80	11.831	3347	3356	3366	rVB3	10702	15979	0.54%	0.040%
81	11.927	3380	3386	3389	rBV2	363	401	0.01%	0.001%
82	12.072	3429	3431	3437	rVB4	333	314	0.01%	0.001%
83	12.156	3451	3457	3462	rBV2	261	360	0.01%	0.001%
84	12.191	3462	3468	3469	rBV3	412	408	0.01%	0.001%
85	12.365	3511	3522	3541	rVV	191711	308809	10.46%	0.778%
86	12.551	3576	3580	3582	rBV	356	327	0.01%	0.001%
87	13.072	3736	3742	3746	rVB3	652	716	0.02%	0.002%
88	13.197	3767	3781	3808	rBV	402581	644039	21.81%	1.624%
89	13.381	3825	3838	3848	rBV	1548942	2371403	80.32%	5.978%
90	13.435	3848	3855	3870	rVB	618264	946497	32.06%	2.386%
91	13.689	3927	3934	3940	rVB6	2359	3111	0.11%	0.008%
92	13.750	3950	3953	3956	rBV2	618	395	0.01%	0.001%
93	14.130	4066	4071	4074	rVB3	466	443	0.02%	0.001%
94	14.413	4153	4159	4162	rBV2	544	563	0.02%	0.001%
95	14.442	4166	4168	4173	rBV2	400	320	0.01%	0.001%
96	14.815	4279	4284	4287	rBV2	567	509	0.02%	0.001%
97	14.908	4309	4313	4317	rBV3	507	493	0.02%	0.001%
98	15.120	4376	4379	4383	rBV4	589	513	0.02%	0.001%
99	15.461	4483	4485	4489	rVB4	719	345	0.01%	0.001%
100	15.532	4504	4507	4511	rBV4	701	602	0.02%	0.002%

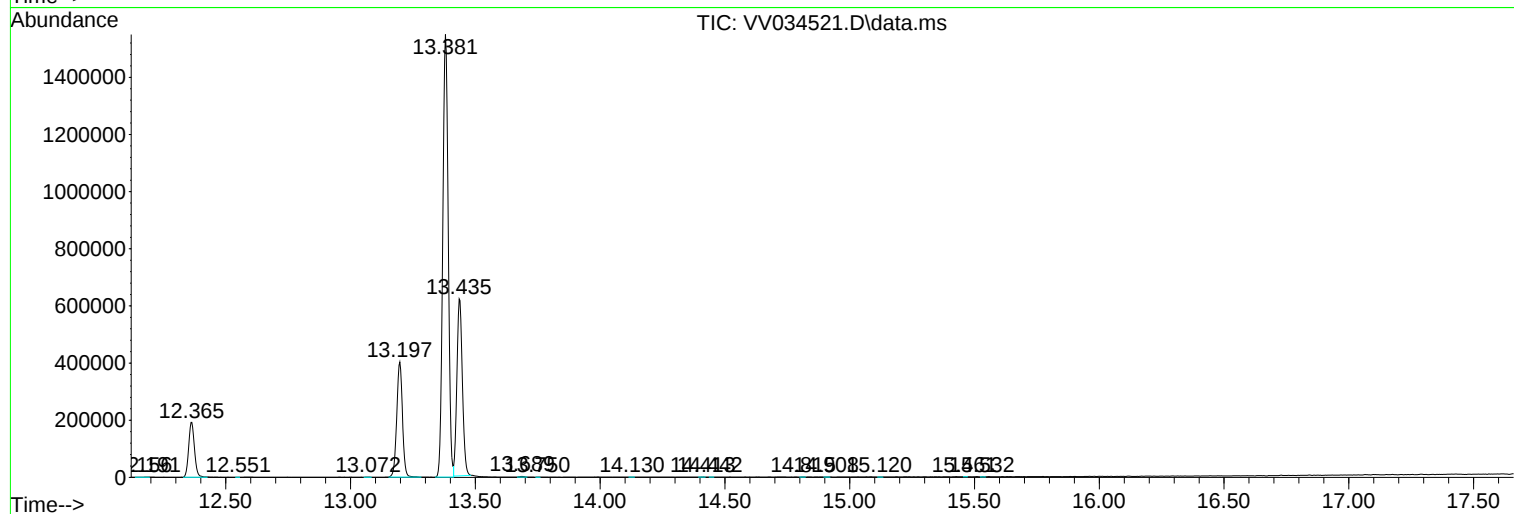
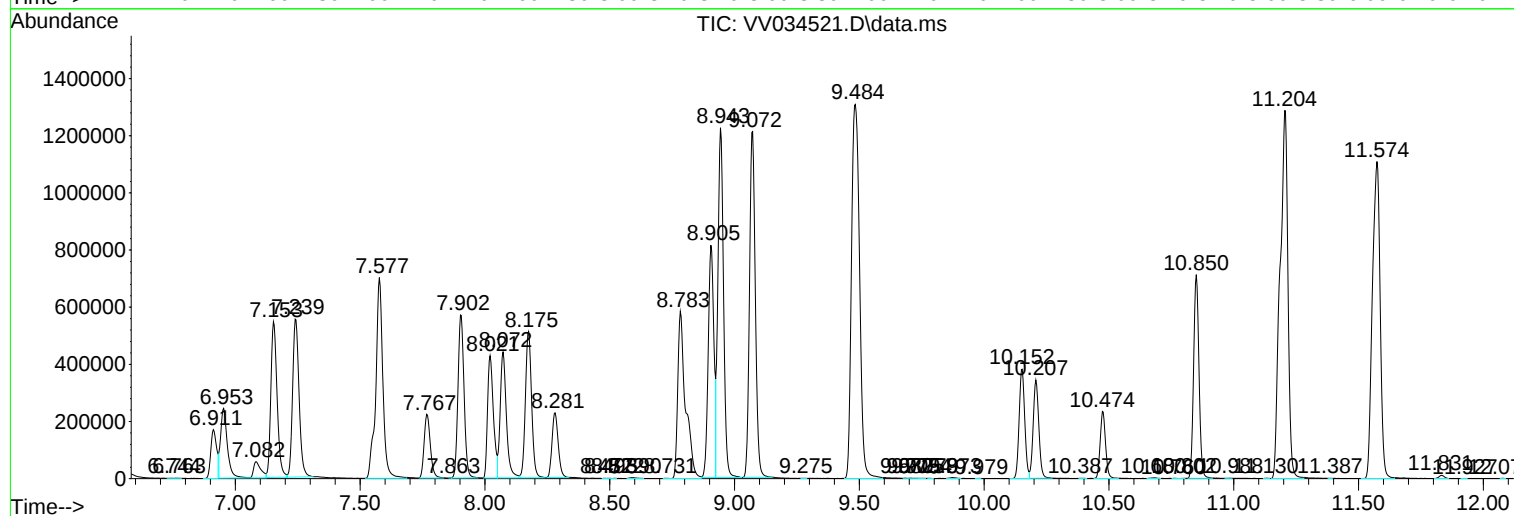
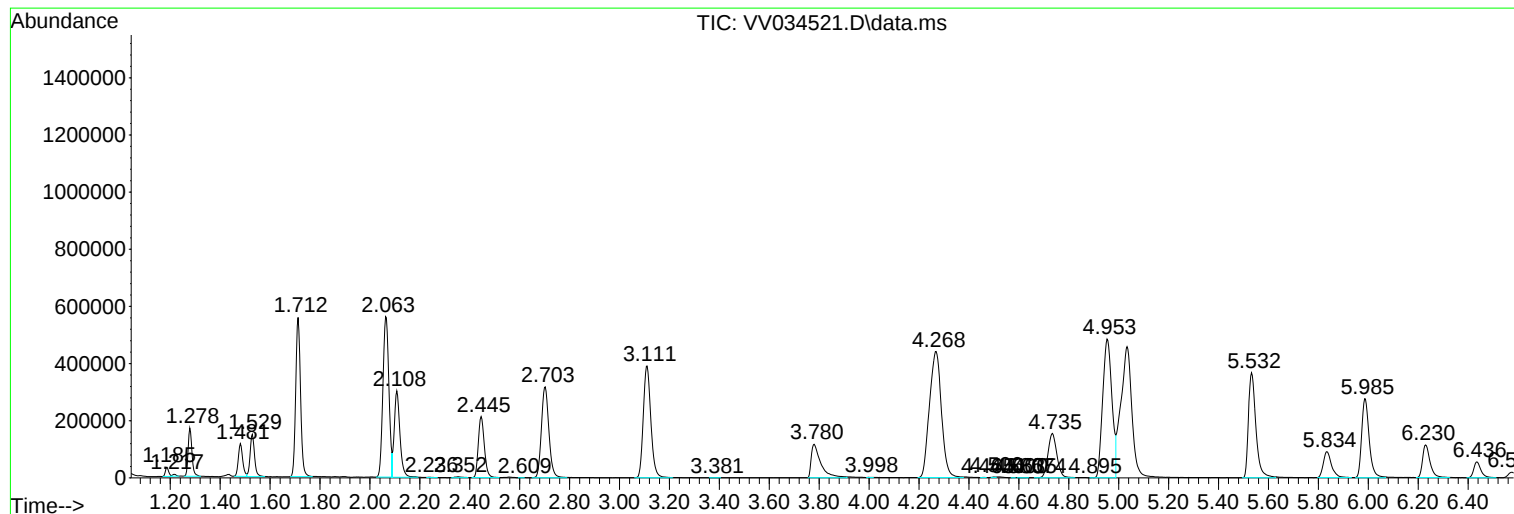
Sum of corrected areas: 39667563

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Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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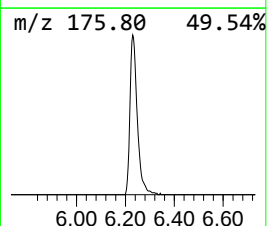
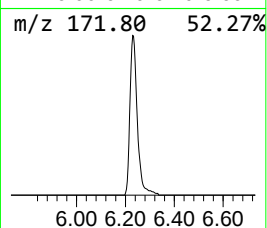
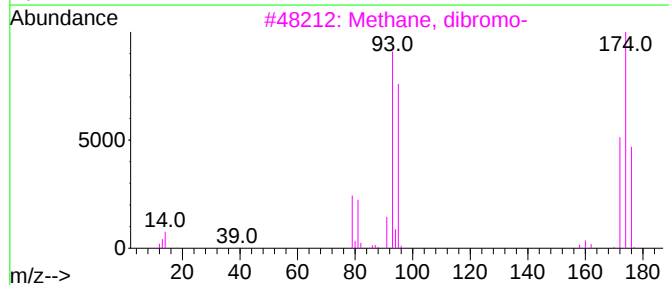
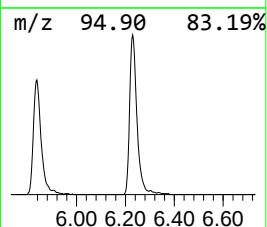
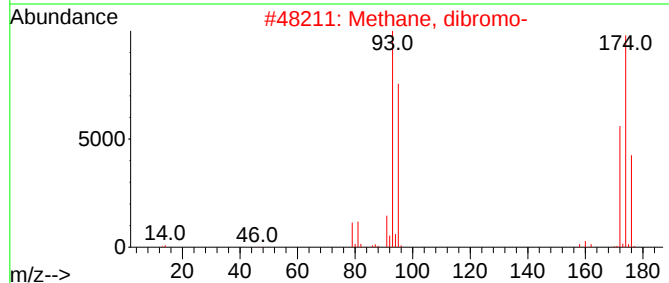
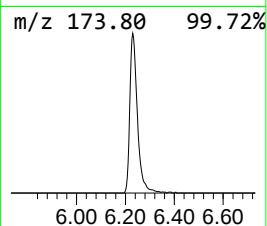
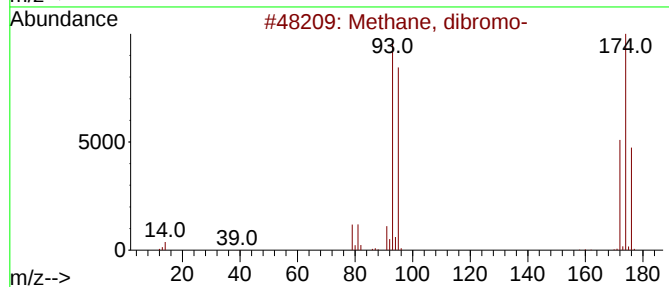
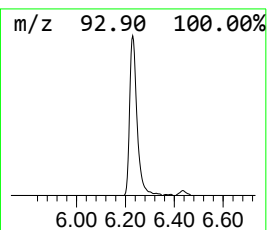
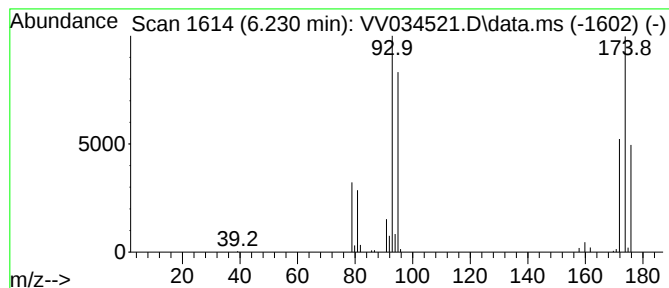
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methane, dibromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.230	15.68 ug/L	238451	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methane, dibromo-	172	CH2Br2	000074-95-3	97
2			Methane, dibromo-	172	CH2Br2	000074-95-3	97
3			Methane, dibromo-	172	CH2Br2	000074-95-3	95
4			Methane, dibromo-	172	CH2Br2	000074-95-3	94
5			6-Bromo-2-pyridinamine	172	C5H5BrN2	019798-81-3	17



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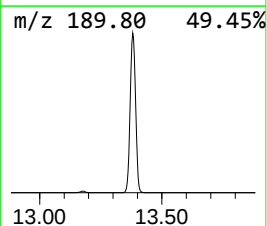
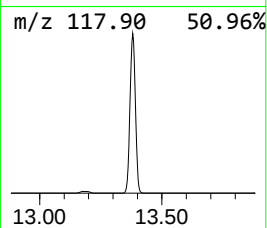
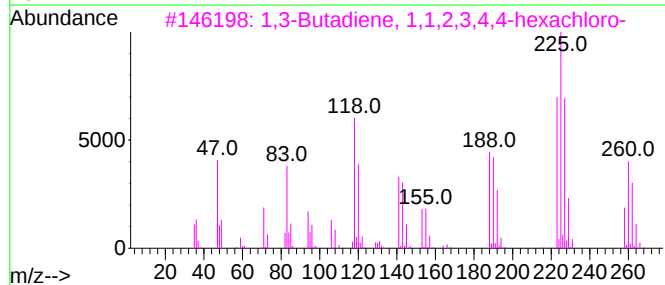
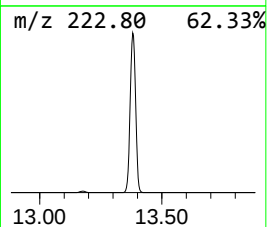
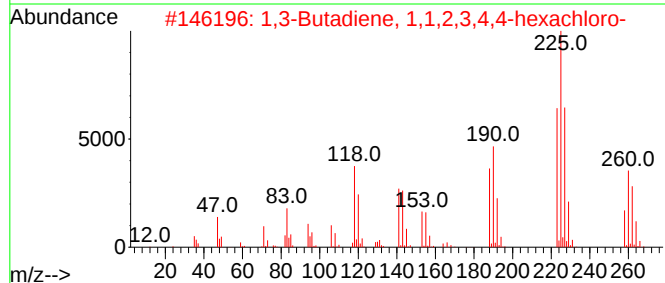
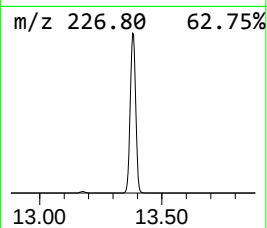
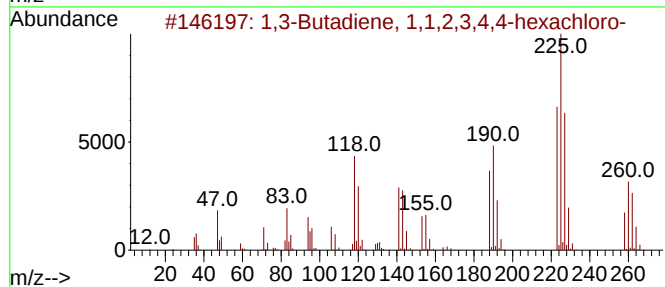
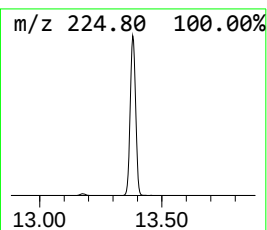
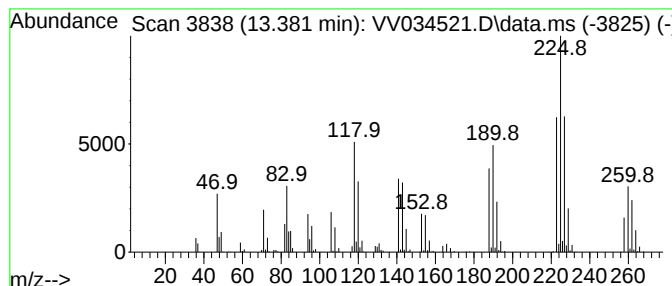
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,3-Butadiene, 1,1,2,3,4,4-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.381	41.82 ug/L	2371400	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
2			1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
3			1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
4			1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
5			Tin(IV) chloride	260	Cl4Sn	007646-78-8	32



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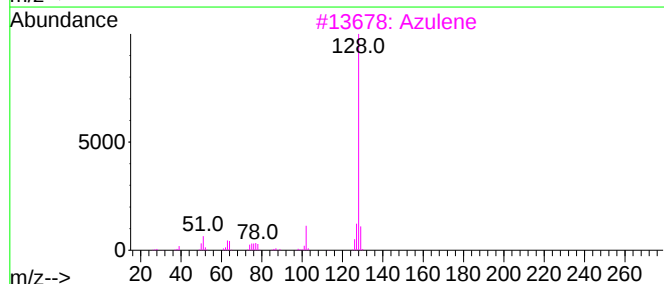
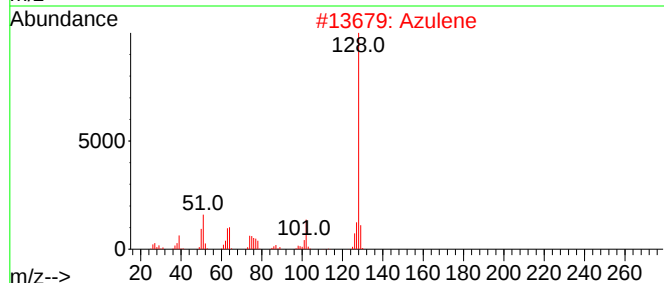
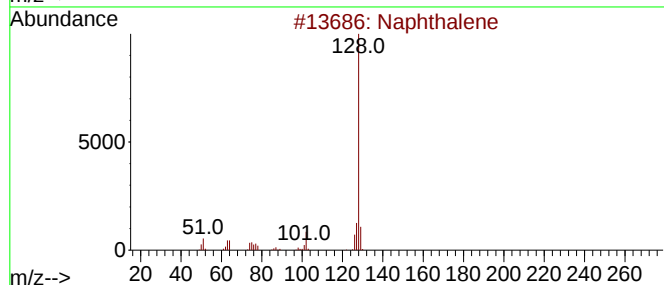
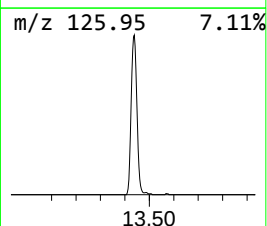
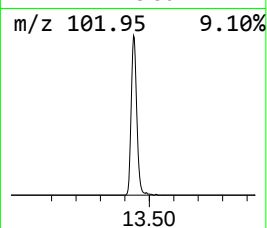
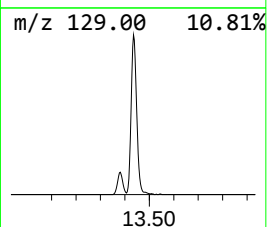
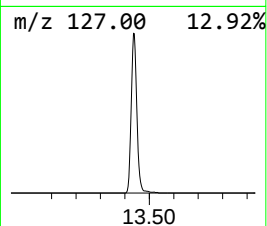
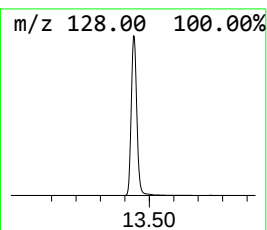
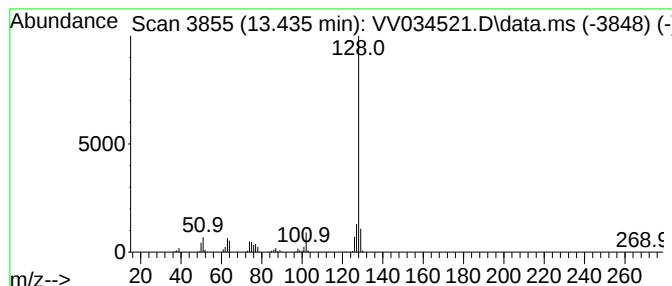
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.435	16.69 ug/L	946497	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030824\
Data File : VV034521.D
Acq On : 08 Mar 2024 10:50
Operator : SY/MD
Sample : P1637-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCNO1

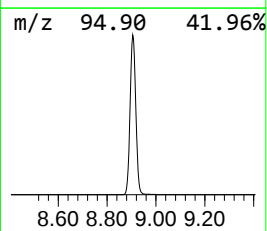
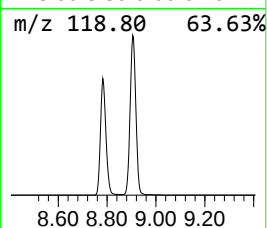
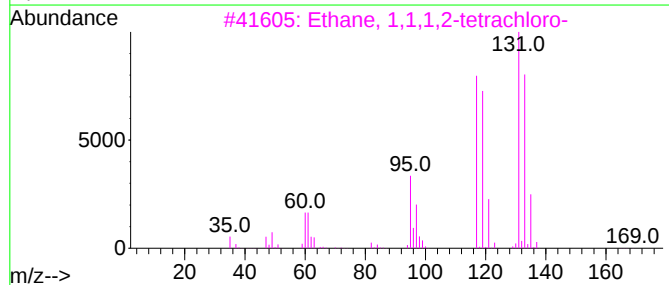
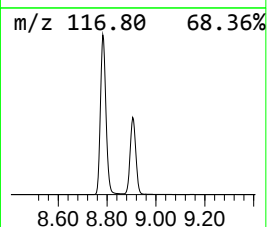
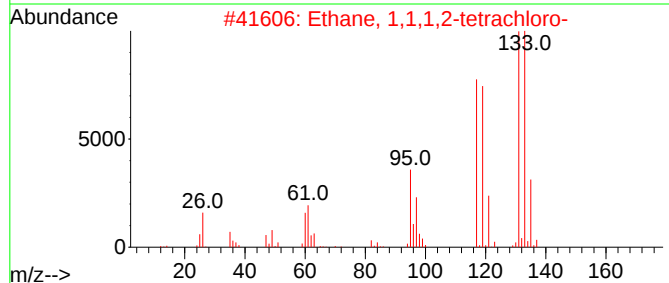
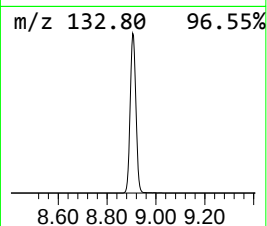
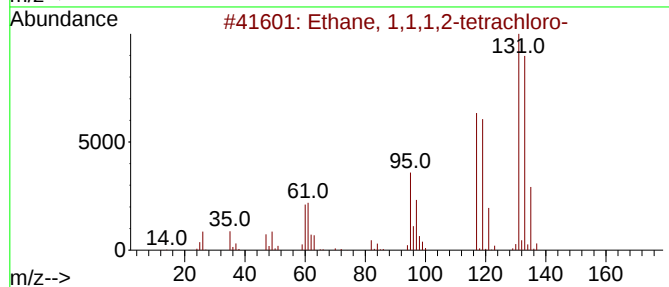
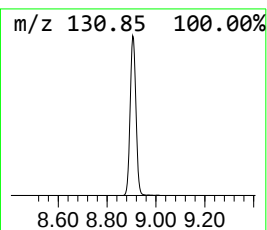
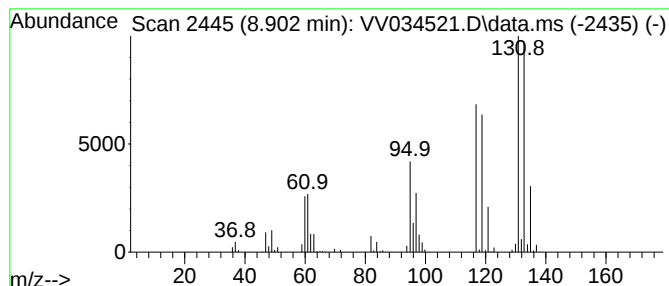
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.905	51.58 ug/L	1306880	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
2			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
3			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	86
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	64
5			Carbon Tetrachloride	152	CCl4	000056-23-5	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030824\
Data File : VV034521.D
Acq On : 08 Mar 2024 10:50
Operator : SY/MD
Sample : P1637-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCNO1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methane, dibromo-	6.230	15.7	ug/L	238451	1	5.532	760346	50.0
1,3-Butadiene, ...	13.381	41.8	ug/L	2371400	3	11.185	2835180	50.0
Azulene	13.435	16.7	ug/L	946497	3	11.185	2835180	50.0
Ethane, 1,1,1,2...	8.905	51.6	ug/L	1306880	2	8.783	1266810	50.0